

Date: Wed, 14 Sep 94 04:30:22 PDT  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #308  
To: Ham-Ant

Ham-Ant Digest                      Wed, 14 Sep 94                      Volume 94 : Issue    308

Today's Topics:

                    AOP-2 opinion?  
                    Q: Gain, and beam width  
                    Slinky antenna anyone? (2 msgs)

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>  
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Sat, 10 Sep 1994 21:10:00 GMT  
From: agate!howland.reston.ans.net!swiss.ans.net!malgudi.oar.net!infinet!n8emr!  
gws@ames.arpa  
Subject: AOP-2 opinion?  
To: ham-ant@ucsd.edu

Anyone had a chance to take a look at the cushcraft AOP-2  
oscar array? I have the AOP-1 array but have it down for repairs  
and figured I might as well update. From the ads I have seen it look like  
a couple more elements on 2meters and a much larger antenna on 440.

comments

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Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325  
N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]  
HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

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Date: 13 Sep 1994 03:24:13 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!news.uoregon.edu!usenet.eel.ufl.edu!piaget.moe.ac.sg!  
raffles.technet.sg!nuscc.nus.sg!@@ihnp4.ucsd.edu  
Subject: Q: Gain, and beam width  
To: ham-ant@ucsd.edu

The edge of the spot beam is where the 3 dB power is. But what is the spot beam cast on? Does it refer to a flat sheet perpendicular to the transmission path or is it casted onto an area on a sphere radius = transmission path?

Would appreciate if someone can help me.

Chee Leong

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Date: Mon, 12 Sep 1994 17:04:24 EDT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!noc.near.net!  
saturn.caps.maine.edu!maine.maine.edu!jbaack31@network.ucsd.edu  
Subject: Slinky antenna anyone?  
To: ham-ant@ucsd.edu

Hi all, I recently saw in an old QST issue, Oct.1980, to be precise, a ad for a slinky style antenna for 80/75, 40 and 20 meters. It used a 6 turn balun between the lengths of slinky material. I guess to tune the antenna you either stretched out the material or you let it compress. Has anyone ever heard of such a thing? Has anyone used it?

73's Jason N1RWY  
JBAACK31@Maine.maine.edu

"looking for new ways to get that signal out..."

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Date: 13 Sep 1994 12:57:52 GMT  
From: news.ingr.com!b17news!monty.b17b.ingr.com!gjmontll@uunet.uu.net  
Subject: Slinky antenna anyone?  
To: ham-ant@ucsd.edu

In article <94255.170424JBAACK31@MAINE.MAINE.EDU>, <JBAACK31@MAINE.MAINE.EDU> writes:

|> Hi all, I recently saw in an old QST issue, Oct.1980, to be precise,  
|> a ad for a slinky style antenna for 80/75, 40 and 20 meters. It used a 6 turn  
|> balun between the lengths of slinky material. I guess to tune the antenna you  
|> either stretched out the material or you let it compress. Has anyone ever heard  
|> of such a thing? Has anyone used it?

|>

I tried one of them back in '76 when I lived on the second floor of an apartment. It was a waste of time. I'd have to check my old logs to see if I ever actually worked anybody thru the slinky.

Tuning it consisted of stringing out the supporting nylon line, then stretching the slinky portion out and clipping it in place. Then you shorted out some number of turns at each end.

(Then hope the SWR was not off-scale, and try again.)

If you've ever played with a simple slinky, you know how it can get a twist or kink in the coils that must be backed out. Imagine the mess when you have two slinkys, connected end to end, with the coax cable attached. Now add the light nylon cord running through the entire contraption!

Why are you making me recall these nightmares?

73

Greg AC4WF

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End of Ham-Ant Digest V94 #308

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